

What is claimed is:

- Sub B2
1. A liquid crystal display device comprising:
a pair of opposed substrates, at least one of said substrates being provided with a pixel circuit for switching pixels of said display device;
a liquid crystal material disposed between said pair of opposed substrates;
a driver circuit comprising thin film transistors formed on said one of the substrates,
wherein said thin film transistors are adhered to said one of the substrates by a resin.
2. A liquid crystal display device according to claim 1 wherein each of said thin film transistors comprises crystal silicon.
3. A liquid crystal display device according to claim 1 wherein said one of the substrates comprises a plastic.
4. A liquid crystal display device according to claim 1 wherein said driver circuit is covered by the other one of said pair of opposed substrates.

5. A liquid crystal display device according to claim 1 wherein said device is a passive type.

6. A liquid crystal display device according to claim 1 wherein said device is an active matrix type.

7. A liquid crystal display device comprising:
a pair of opposed substrates, at least one of said substrates being provided with a pixel circuit for switching pixels of said display device;
a liquid crystal material disposed between said pair of opposed substrates;
a driver circuit comprising thin film transistors formed on said one of the substrates; and
a passivation film covering said driver circuit, said passivation film having a contact hole to allow an electrical connection between at least one of said thin film transistors and said pixel circuit,
wherein said thin film transistors are adhered to said one of the substrates by a resin, and said contact hole has a tapered configuration.

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8. A liquid crystal display device according to claim 7 wherein each of said thin film transistors comprises crystal silicon.

9. A liquid crystal display device according to claim 7 wherein said one of the substrates comprises a plastic.

10. A liquid crystal display device according to claim 7 wherein said driver circuit is overlapped by the other one of said pair of opposed substrates.

11. A liquid crystal display device according to claim 7 wherein said device is a passive type.

12. A liquid crystal display device according to claim 7 wherein said device is an active matrix type.

13. A liquid crystal display device according to claim 7 wherein said passivation film comprises polyimide.

14. A liquid crystal display device according to claim 7 wherein said passivation film comprises silicon oxide.

15. A liquid crystal display device comprising:

a pair of opposed substrates, at least one of said substrates being provided with a pixel circuit for switching pixels of said display device;

a liquid crystal material disposed between said pair of opposed substrates;

a driver circuit comprising thin film transistors formed on said one of the substrates; and

a passivation film covering said driver circuit, said passivation film having a contact hole to allow an electrical connection between at least one of said thin film transistors and said pixel circuit,

wherein said passivation film comprises at least two layers having different etching rates, and said contact hole has a tapered configuration.

16. A liquid crystal display device according to claim 15 wherein said passivation film comprises a first silicon oxide layer formed over said thin film transistors, and a second silicon oxide layer formed on said first silicon oxide layer, said silicon oxide layer having a larger etching rate than said first silicon oxide layer.

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Sub 1357
17. A liquid crystal display device according to claim 15 wherein each of said thin film transistors comprises crystal silicon.

18. A liquid crystal display device according to claim 15 wherein said one of the substrates comprises a plastic.

19. A liquid crystal display device according to claim 15 wherein said driver circuit is overlapped by the other one of said pair of opposed substrates.

20. A liquid crystal display device according to claim 15 wherein said device is a passive type.

21. A liquid crystal display device according to claim 15 wherein said device is an active matrix type.

Sub 1341
22. A liquid crystal display device comprising:
a pair of opposed substrates, at least one of said substrates being provided with a pixel circuit for switching pixels of said display device;

a liquid crystal material disposed between said pair of opposed substrates;

a driver circuit comprising thin film transistors formed on said one of the substrates,

wherein said thin film transistors are adhered to said one of the substrates by a resin and said driver circuit is electrically connected to said pixel circuit through a metal bump.

23. A liquid crystal display device according to claim 22 wherein said one of the substrates comprises a plastic.

24. A liquid crystal display device according to claim 22 wherein said driver circuit is covered by the other one of said pair of opposed substrates.

25. A liquid crystal display device according to claim 22 wherein said device is a passive type.

26. A liquid crystal display device according to claim 22 wherein said device is an active matrix type.

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Add D7
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